

# Quik-Gel Gold™

Category: Drilling fluids

## Viscosifier

QUIK-GEL GOLD™ high-yield viscosifier is a selectively mined, premium sodium bentonite designed for water well, minerals exploration and other industrial drilling applications. QUIK-GEL GOLD™ high-yield viscosifier provides an optimized grind size which results in easy mixing and rapid hydration characteristics. The enhanced viscosity development, filtration properties and resultant fluid stability make QUIK-GEL GOLD™ high-yield bentonite viscosifier the new benchmark in the industrial drilling applications market.



## Applications/Functions

- Viscosify freshwater-based drilling fluids
- Mix with fresh water to form a low-solids drilling fluid for general drilling applications
- Reduce filtration by forming a thin filter cake with low permeability
- Improve hole-cleaning capability of drilling fluids
- Mix with foaming agents to make “gel/foam” drilling fluids for air/foam drilling applications

## Advantages

- NSF/ANSI Standard 60 certified
- Single-sack product and cost effective
- Optimized grind size for enhanced mixing and yield
- Easy to mix and quickly reaches maximum viscosity
- Yields more than twice as much drilling fluid of the same viscosity as an equal concentration of API grade bentonite

## Recommended Treatment

Mix slowly through a jet mixer or sift slowly into the vortex of a high-speed stirrer.

## Approximate Amounts of QUIK-GEL GOLD™ High-Yield Viscosifier Added to Freshwater

Application/Desire result	lb/100 gal	lb/bbl	Kg/m <sup>3</sup>
Normal Drilling Conditions	15-25	6.3-10.5	18-30
Unconsolidated Formations	25-40	10.5-16.8	30-18
Make-Up for Gel/Foam Systems	12-15	5.0-6.3	14-18

1 bbl = 42 U.S. gallons.

## Notes

- For optimum yield, pre-treat make-up water with 1 - 2 pounds of soda ash per 100 gallons of water (1.2 - 2.4 kg/m<sup>3</sup>)

## Packaging

QUIK-GEL GOLD™ high-yield viscosifier is packaged in 50-lb (22.7-kg) multiwall paper bags.

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